

## ***SURGICAL TABLE OPERATORS MANUAL***



***3600B UltraSlide***



# TABLE OF CONTENTS

Title	Page
EQUIPMENT LABELS AND SPECIFICATIONS .....	2
3600B UltraSlide General Purpose Surgical Table Specifications .....	3
SPECIAL USER ATTENTION .....	4
SECTION I INTRODUCTION .....	8
1-1. General .....	8
1-2. Power Requirements .....	8
1-3. Pendant Control Unit .....	9
1-4. Floor Lock/Brake System .....	9
SECTION II OPERATION .....	10
2-1. Electrical Power .....	10
2-2. AC 120V Operation .....	10
2-3. Battery Operation .....	11
2-4. Automatic Shut-Off .....	11
2-5. Charging the Battery .....	11
2-6. Positioning Functions .....	12
a. Floor Lock/Brake system .....	12
b. Trendelenburg .....	13
c. Lateral Tilt .....	13
d. Back Section .....	14
e. Elevation .....	14
f. Top Slide .....	14
g. Leg Section .....	15
h. Flex Positioning .....	15
i. Kidney Lift .....	16
j. Return To Level .....	16
k. Beach Chair .....	16
2-7. Emergency Back-up controls .....	17
2-8. Emergency Brake Release .....	18
2-9. Head Section .....	18
2-10. Leg and Back Section Removal .....	19
2-11. Positioning .....	19
SECTION III MAINTENANCE .....	22
3-1. Preventive Maintenance .....	22
3-2. Cleaning Recommendations .....	22
3-3. Service .....	23

REV 8/05

Although current at the time of publication, SKYTRON's policy of continuous development makes this manual subject to change without notice.

## EQUIPMENT LABELS AND SPECIFICATIONS



INDICATES DANGEROUS VOLTAGE, 120 V, 60 Hz



CLASS I DEFIBRILLATION PROOF, TYPE B EQUIPMENT- IPX4 RATED.  
INTERNALLY POWERED EQUIPMENT



PROTECTIVE GROUNDING.  
IN ORDER TO ENSURE PROPER GROUNDING RELIABILITY,  
THIS TABLE MUST BE CONNECTED TO A PROPERLY GROUNDED  
HOSPITAL GRADE OUTLET.



CONNECTION FOR NEUTRAL CONDUCTOR SUPPLIED



UNIT TO BE USED ONLY IN SPECIFIED ENVIRONMENTAL CONDITIONS  
TEMPERATURE: 15° - 30° C (60° - 85° F)  
HUMIDITY: 30% - 60% RELATIVE HUMIDITY, NON CONDENSING



AC VOLTAGE

**IPX4**

ENCLOSURE CLASS

**V**

VOLTAGE RATING OF THE UNIT

**A**

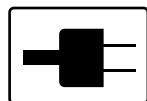
AMPERAGE RATING OF THE UNIT

**HZ**

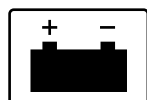
FREQUENCY OF THE UNIT



ATTENTION, CONSULT MANUAL FOR FURTHER INSTRUCTIONS.  
INDICATES SPECIAL USER ATTENTION.



POWERED BY AC VOLTAGE



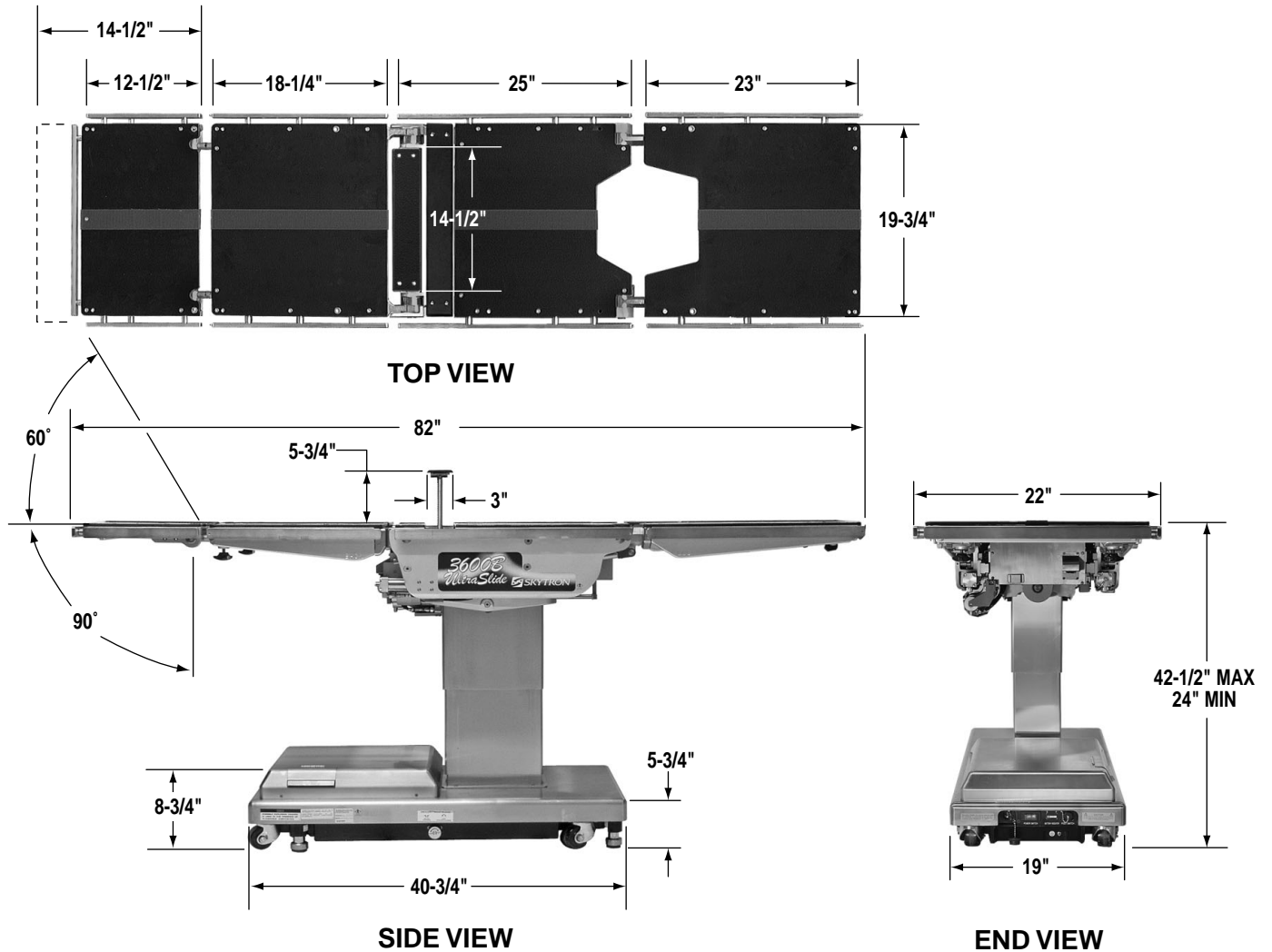
POWERED BY BATTERY

**BATTERY TYPE: SEALED**

LEAD ACID 12V, VALVE REGULATED  
16AH, 10HR (530W/10MIN)

**15A** 15 AMP INTERNAL CIRCUIT BREAKER

## 3600B UltraSlide General Purpose Surgical Table Specifications



### ENTECLA CERTIFIED

TO UL2601-1

CAN/CSA601.1, IEC 60601-2-46

US



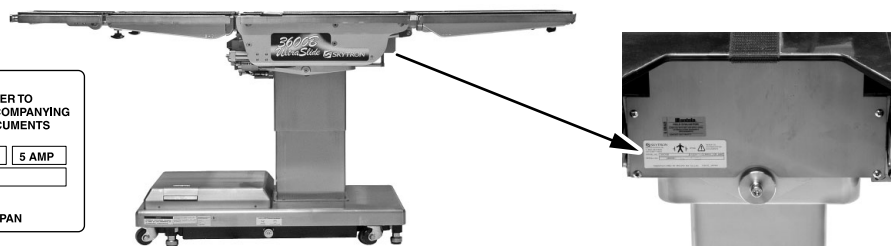
C

### Electrical Specifications

Power requirements	120 VAC, 60Hz, 450 Watts
Current Leakage	Less than 100 micro amps
Power Cord	15 feet w/hospital grade connector (removable)

<b>SKYTRON</b>			IPX4		REFER TO ACCOMPANYING DOCUMENTS
GRAND RAPIDS, MI 1-800-SKYTRON (616) 957-0500					
MODEL NO.		120V	60 Hz	5 AMP	
SERIAL NO.					
FUSE		AMP FAST ACTING			
MANUFACTURED BY MIZUHO IKA CO., LTD. - TOKYO, JAPAN					

SERIAL NUMBER TAG



The extreme positioning capabilities of the 3600B UltraSlide Table requires special attention for possible interference points when using multiple function positioning. As with the operation of any surgical table, a certain amount of care should be exercised to position the patient safely. Although the thick pads and sheets substantially protect the patient, pinch points, located at the joints of the top section should always be considered. **BE SURE THAT THE ARMS, HANDS AND FINGERS OF THE PATIENT AND THOSE OF THE OPERATING ROOM PERSONNEL ARE CLEAR OF ALL MOVING PARTS BEFORE MOVING THE TABLE.** Proper restraints should always be used for patient safety.

Certain accessories such as the Uro-Drain Tray, Armboards and X-Ray top can be damaged when changing the position of the table top sections. Always look first to see if a desired movement is going to interfere with any accessories in use.

The operator has the ultimate responsibility of preventing damage to the table and surrounding equipment or possible injury to the patient or staff.

The operator must ensure proper positioning is maintained to prevent compromising respiration, nerve pathways or circulation. In general, common sense will dictate when there is a potential hazard.

***The following precautions should be reviewed by all personnel prior to operating the table.***

***A routine Instructional Program should be implemented by the facility for proper usage instructions for all personnel that may operate this table.***

**WARNING**

Indicates a possibility of personal injury.

**CAUTION**

Indicates a possibility of damage to equipment.

**NOTE**

Indicates important facts or helpful hints.

**NOTE**

Activating any function button will activate the brake system. Using the TABLE UP function to set the brakes provides a visual assurance that the brakes are locked without altering the table position, except when emergency brake is released.

**WARNING**

Possible explosion hazard exists if table is used in the presence of **FLAMMABLE ANESTHETICS**.

**NOTE**

An equalization terminal is located under the main power panel. This is provided as an alternate pathway to reduce the risk of static shock hazards. Always follow recommended grounding procedures to ensure patient and staff safety.

**NOTE**

The table will operate correctly on battery power with the power cord connected to a wall outlet or disconnected.

**NOTE**

Battery Operation must be turned OFF at the pendant control. It cannot be turned OFF using the main power switch.

**NOTE**

Turning the Main Power Switch ON will change the table operation to 120 VAC power.

**NOTE**

When the red light starts to blink (indicating low power in battery) the table will operate for approximately 5 continuous minutes, typically long enough to use the table for the rest of the day.

**NOTE**

The charging system operates **ONLY** when the table is in AC120V operation mode.

**NOTE**

The table can be operated on 120VAC power while the battery is being re-charged.

**NOTE**

If the table is stored for a period greater than 6 months, the batteries should be removed and stored in a dry, clean condition at a storage temperature of 68° F (20° C). Batteries should be recharged every 6 months of product storage.

**WARNING**

DO NOT unlock brakes when a patient is on the table. An uneven patient weight load may cause instability.

**NOTE**

With an evenly distributed patient weight load, all table positioning functions will operate smoothly and quietly with a patient weight of up to 800 pounds.

**WARNING**

To maximize patient safety, utilize proper restraint methods during extreme Trendelenburg positioning.

**WARNING**

To maximize patient safety, utilize proper restraint methods during extreme lateral tilt positioning.

**NOTE**

If the table top is slid toward the foot end, the back section will not go below horizontal. An audible alarm will sound.

**NOTE**

To prevent damage to the kidney lift, a safety interlock prevents the back section from going more than 45° above horizontal if the kidney lift is not all the way down. An audible alarm will sound.

**NOTE**

If the leg section is positioned more than 45° below horizontal, the top will not slide toward the head end. An audible alarm will sound.

**NOTE**

If the leg section is below horizontal, slide toward head is limited to 7-1/2"

**NOTE**

If the back section is positioned below horizontal, the top will not slide toward the foot end. An audible alarm will sound.

**CAUTION**

The Leg section may hit the table base or the floor if both the leg and elevation systems are placed in their full down position.

**NOTE**

If the top is slid toward the head end less than 7-1/2", the leg section will only go down 45°. An audible alarm will sound. If the top is slid toward the head end more than 7-1/2", the leg section will not go below horizontal.

**NOTE**

If the top is slid toward the foot end, the FLEX function will not operate. An audible alarm will sound.

**NOTE**

To prevent damage to the kidney lift, a safety interlock prevents the kidney lift from going up if the back section is 45° above horizontal. An audible alarm will sound.

**NOTE**

Elevation and brake system functions are not affected by the return to level function.

**NOTE**

The table top must be centered or slid toward the foot end for the Beach Chair function to operate.

**CAUTION**

The safety interlock system is not operational when the emergency back-up control switches are used.

**CAUTION**

The EMERGENCY BRAKE LOCK switch does not activate the brake system timer. The switch must be held until the brakes are completely locked, approximately 10 seconds.

**NOTE**

The emergency back-up control switches will function when the table is operating on 120VAC power, battery power, or turned off.

**NOTE**

The Emergency Brake Release Valve must be closed and tightened (clockwise) before activating any function.

- If the Emergency Brake Release Valve has been operated, the UNLOCK button on the pendant control will have to be pressed before brakes will lock again.

**NOTE**

To make the Back Section easier to handle, remove the Head Section, pad and X-ray top prior to removing the Back Section. Remove the pad and X-ray top prior to removing the Leg Section.

**WARNING**

Ensure that the Leg and Back sections are properly engaged and secured to pins before use to prevent injury.

**NOTE**

The Leg and Back sections are labeled for proper orientation. The Leg section cannot be installed on the Back section pins.



**WARNING**

Consult manufacturer's instructions when using high frequency surgical equipment, cardiac defibrillator and cardiac defibrillator monitors.

**CAUTION**

Thoroughly read and follow the manufacturer's directions for all cleaning fluids. DO NOT use cleaners containing phenolics.

**WARNING**

When an antistatic pathway is required, the table has to be used on an antistatic floor.

**CAUTION**

When using spray cleaners DO NOT spray fluids directly into electrical receptacles or micro switches.

**WARNING**

The antistatic properties of the table are dependent on the use of the original pad set which was furnished with the table or an alternate approved replacement.

**CAUTION**

Before replacing pads on the table, make sure the pads and all mating surfaces are completely dry. Moisture trapped between the pads and mating surfaces may cause distortion of table tops.

**WARNING**

Certain accessories may limit weight capacities. Check with your SKYTRON representative.

**NOTE**

Always follow current AORN Journal Guidelines to ensure proper cleaning and disinfection procedure.

**WARNING**

Always follow OSHA blood-borne pathogens standards for protective clothing, including gloves, masks and eye protection when cleaning the surgical table.

## SECTION I INTRODUCTION

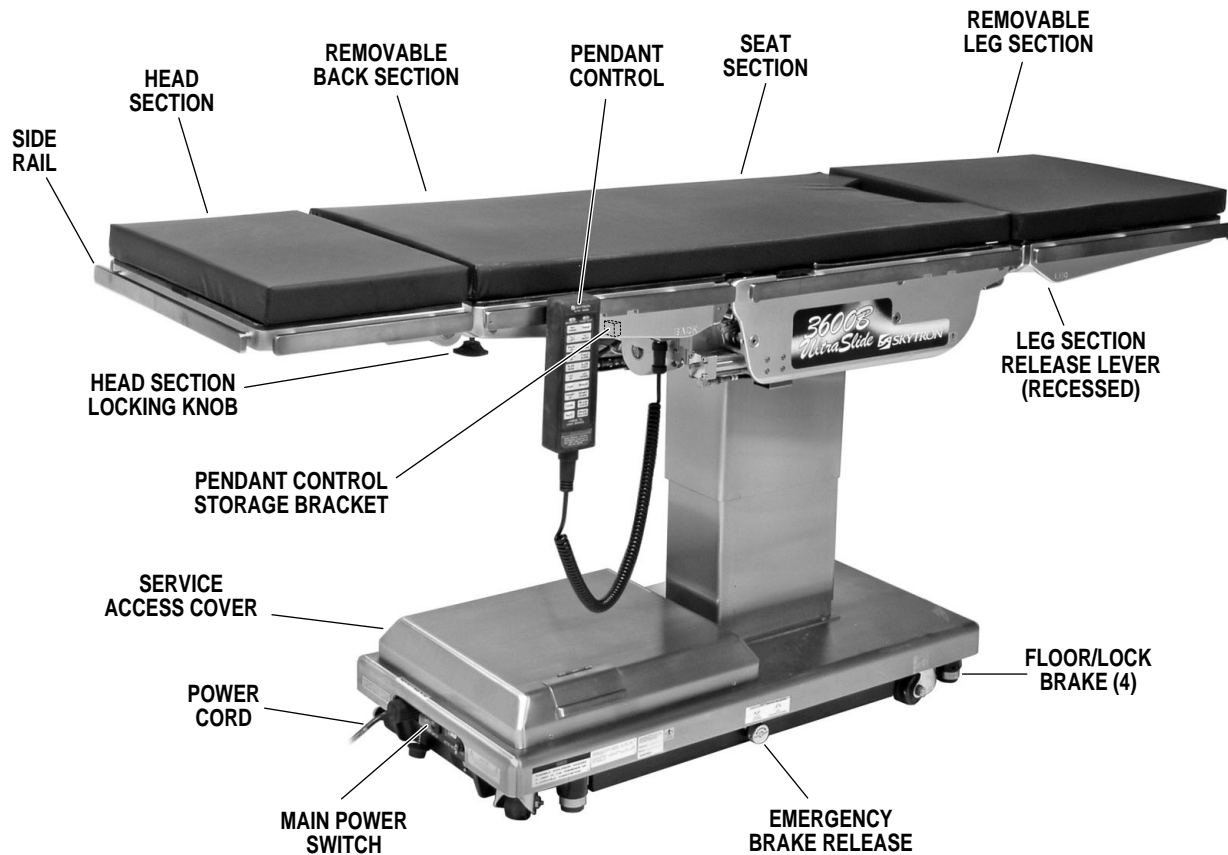


Figure 1-1. 3600B UltraSlide

**1-1. General**

SKYTRON's 3600B UltraSlide Surgical Table is an electro-hydraulically operated, general purpose surgical table. See figure 1-1.

The electro-hydraulic positioning functions operated by the hand-held, push button, pendant control unit are: Trendelenburg, lateral tilt, back section, elevation, leg section, top slide, flex/reflex, kidney lift, return to level, beach chair and the floor lock/brake system.

Manual controls are provided for head section positioning, emergency brake release, back section removal and leg section removal.

**1-2. Power Requirements**

The 3600B UltraSlide Surgical Table requires a 120VAC, 60 Hz electrical power supply. The table is equipped with a removable 15 foot long power cord with a three prong, hospital grade plug. The

main power ON/OFF switch is located on the electrical panel on the front edge of the table base. See figure 1-2.

The battery charging indicator and foot control connector are also located on the electrical panel.

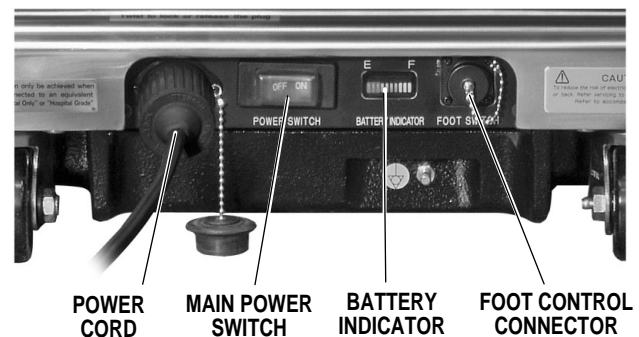


Figure 1-2. Electrical Panel

### 1-3. Pendant Control Unit

The hand-held pendant control unit (figure 1-3) has a non-slip rubber cover which assures a positive grip during use. A spring clip hanger is located on the back of the control for storage. When the Pendant Control is not in use, it should be stored on a convenient side or end rail. A bracket is located under the table top next to the pendant control connector for storage of the Pendant Control when the table is not in use and during cleaning. See figure 1-4.

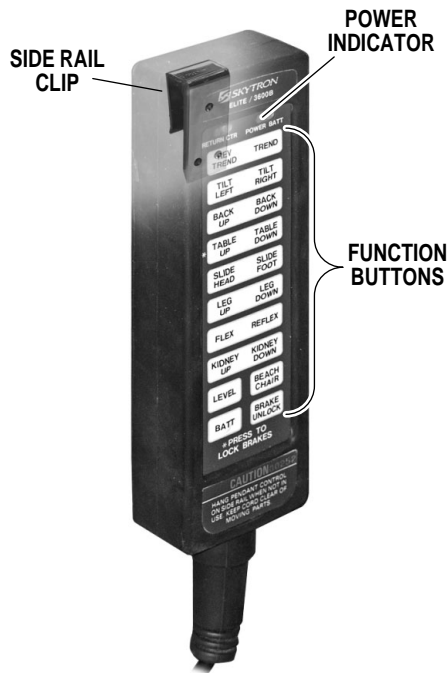


Figure 1-3. Pendant Control Unit

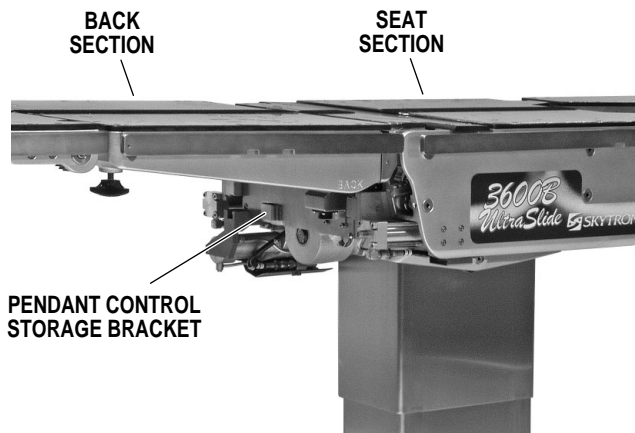


Figure 1-4. Pendant Control Storage Bracket

The function push buttons are identified with abbreviated descriptions for all functions. See figure 1-5. When illuminated the Trendelenburg and table up buttons are red, the remaining buttons are all green.

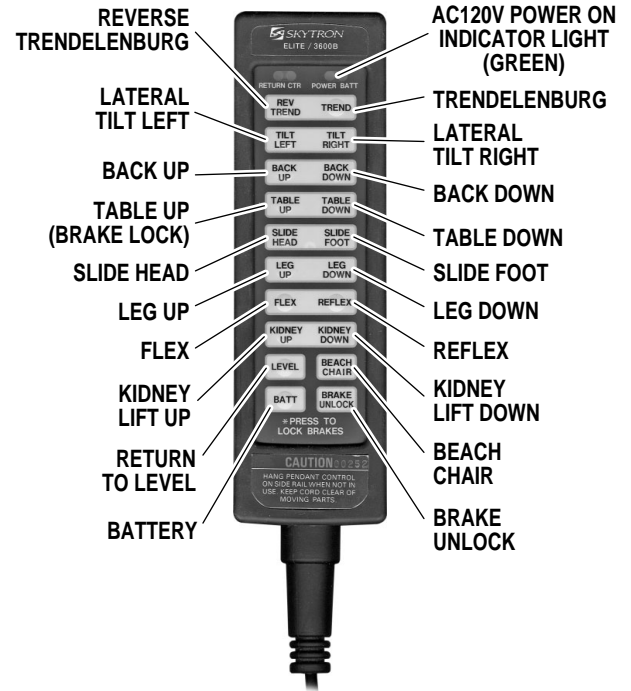


Figure 1-5. Function Buttons

### 1-4. Floor Lock/Brake System

The floor lock/brake system consists of four self-leveling, hydraulic brake cylinders which raise and support the table base off from the casters. Press the TABLE UP button on the pendant control to set the table's brakes. An electronic timer will activate the brake system until the brakes are completely set, approximately 8-10 seconds.

#### NOTE

Activating any function button will activate the brake system. Using the TABLE UP function to set the brakes provides a visual assurance that the brakes are locked without altering the table position, except when emergency brake is released.

## 2-1. Electrical Power

The 3600B table will operate on either 120 VAC or battery power.



### WARNING



Prior to operating the table, observe all table caution labels and review the SPECIAL USER ATTENTION section in the front of this manual.



### WARNING



Possible explosion hazard exists if table is used in the presence of FLAMMABLE ANESTHETICS.

### NOTE

An equalization terminal is located under the main power panel. This is provided as an alternate pathway to reduce the risk of static shock hazards. Always follow recommended grounding procedures to ensure patient and staff safety.

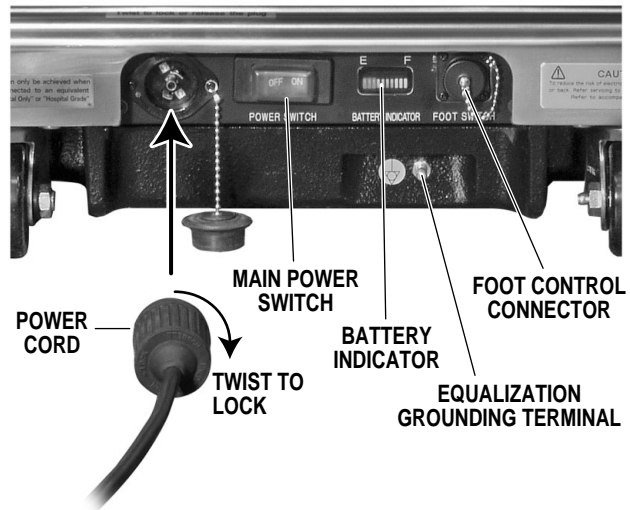


Figure 2-1. Electrical Panel

The pendant control buttons and the green AC 120V, POWER indicator light located in the upper right corner of the pendant control will illuminate. See figure 2-2.



Figure 2-2. Pendant Control

## 2-2. AC 120V Operation

Use the following procedures to operate the table on 120 VAC power.

**a.** Make sure the Power cord is securely attached to the table. To install the power cord, align the cord connector with the base connector, insert the cord and twist clockwise to lock the cord into the connector. See figure 2-1. Plug the cord into a properly grounded, Hospital Grade, 120 VAC outlet. Make sure the power cord is routed to the outlet to prevent it from being in the way of operating personnel.

**b.** Activate the POWER SWITCH located on the electrical panel. The switch will illuminate.

**c.** The table is now ready for 120VAC operation.

## 2-3. Battery Operation

a. Make sure the Main Power Switch indicator light, on the electrical panel, are OFF. See figure 2-2. If the indicator light is ON, turn AC120V operation OFF with the main power switch.

### NOTE

The table will operate correctly on battery power with the power cord connected to a wall outlet or disconnected.

b. Press the BATT button on the hand-held pendant control. The pendant control buttons, the red BATTERY indicator light, located in the upper right corner of the pendant control and the Battery Indicator on the electrical panel will illuminate.

c. The table is now ready for BATTERY operation.

d. To extend the battery charge life, turn the BATTERY power OFF with the pendant control when the table is not going to be used.

### NOTE

Battery Operation must be turned OFF at the pendant control. It cannot be turned OFF using the main power switch.

## 2-4. Automatic Shut-Off

a. To prevent unnecessary discharge of the battery, a timer is built into the battery circuit. This timer will automatically shut the battery power OFF after 1½ hours of table inactivity.

b. To turn the table ON again, press the BATT button on the pendant control, the pendant control buttons and the red indicator light will illuminate.

### NOTE

Turning the Main Power Switch ON will change the table operation to 120 VAC power.

## 2-5. Charging the Battery

Batteries should be charged:

- When the table is placed into initial service
- As indicated by Battery Indicator
- Every week under normal service conditions

a. **Battery Indicator** The Battery Indicator consists of ten lighted bars, 3 red, 4 yellow and 3 green. See figure 2-3. Each bar represents a percentage of the battery charge condition. When all ten bars are illuminated, the batteries are fully charged. The following list shows the battery charge level as indicated by the lighted bars;

3 green	100% -Fully charged
2 green	89%
1 green	78%
4 yellow	67%
3 yellow	56%
2 yellow	45% -Needs Charging (BATT indicator on pendant will flash)
1 yellow	34% -Needs Charging
3 red	23% -Needs Charging (poor performance)
2 red	12% -Needs Charging (intermittent performance)
1 red	1% -Needs Charging (inoperable)

During charging, the bars will light in sequence to the respective charge level, turn off and light in sequence again.

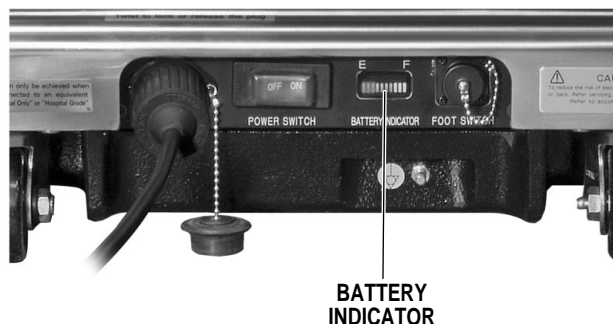


Figure 2-3. Battery Indicator

b. If the battery needs to be charged when operating the table on battery power, the red indicator light on the pendant control will begin to blink.

### NOTE

When the red light starts to blink (indicating low power in battery) the table will operate for approximately 5 continuous minutes, typically long enough to use the table for the rest of the day.

### NOTE

The charging system operates **ONLY** when the table is in AC120V operation mode.

c. To recharge the battery, make sure the power cord is connected, plugged into a 120VAC wall outlet and the main POWER SWITCH - ON.

### NOTE

The table can be operated on 120VAC power while the battery is being recharged.

d. A full battery charge will last approximately 2 weeks under normal operating conditions. However, it is recommended to charge the batteries at the end of each week to establish a normal routine protocol. Lead acid batteries last longer if they are not permitted to fully discharge. The table features (2) 12 volt, sealed, lead acid batteries which require no manual maintenance. Lead acid gel batteries, under a proper charging program, feature an approximate normal life of 4 years.

### NOTE

If the table is stored for a period greater than 6 months, the batteries should be removed and stored in a dry, clean condition at a storage temperature of 68° F (20° C). Batteries should be recharged every 6 months of product storage.

## 2-6. Positioning Functions

The hand-held pendant control (figure 2-4) activates the following table functions:

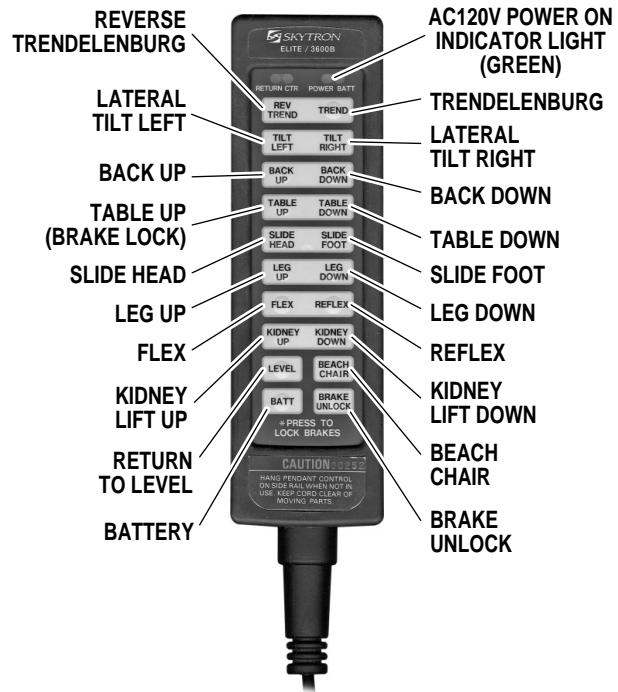


Figure 2-4. Pendant Control Function Buttons

a. **Floor Lock/Brake System.** To activate the brakes without affecting table positioning, press the TABLE UP button. See figure 2-5. The elevation cylinder will not function until the brakes are completely extended.

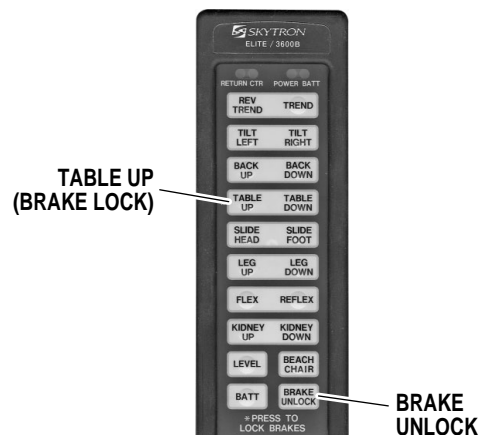


Figure 2-5. Brake System Activation

Press the BRAKE UNLOCK button on the pendant control to release the four self-leveling brake feet in order to move the table. See figure 2-5. The brake delay circuit automatically retracts the brake system. It takes approximately 7-8 seconds to totally release the system.



### WARNING



DO NOT unlock brakes when a patient is on the table. An uneven patient weight load may cause instability.

### NOTE

With an evenly distributed patient weight load, all table positioning functions will operate smoothly and quietly with a patient weight of up to 800 pounds.

**b. Trendelenburg.** To place the table in a Trendelenburg (head down) position, press the TREND button (figure 2-6). To place the table in a reverse Trendelenburg (head up) position, press the REV TREND button. Trendelenburg positioning of up to 30° may be obtained.



### WARNING



To maximize patient safety, utilize proper restraint methods during extreme Trendelenburg positioning.

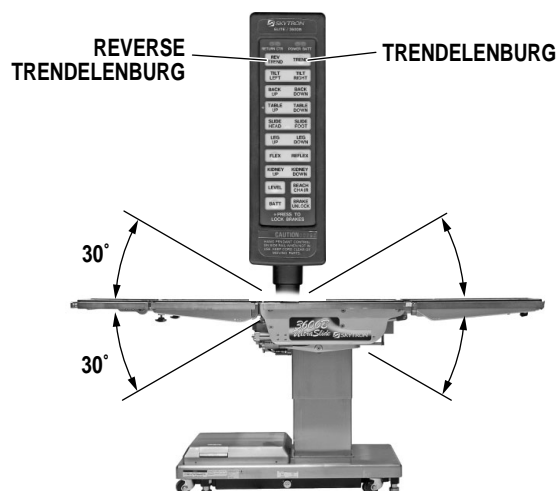


Figure 2-6. Trendelenburg Positioning

**c. Lateral Tilt.** To achieve lateral tilt right (as viewed from the head end of the table), press the TILT RIGHT button (figure 2-7). To achieve lateral tilt left, press the TILT LEFT button. Tilt of up to 30° may be obtained.



### WARNING



To maximize patient safety, utilize proper restraint methods during extreme lateral tilt positioning.

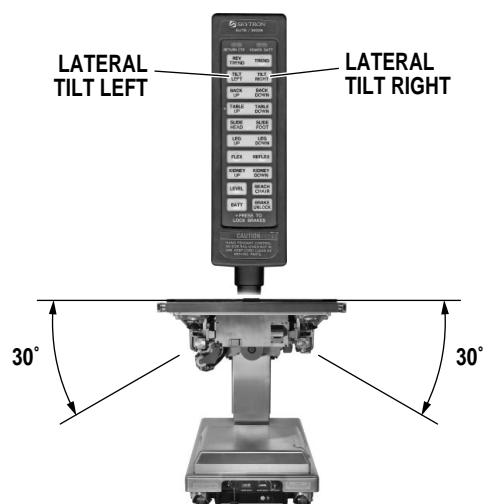


Figure 2-7. Lateral Tilt Positioning

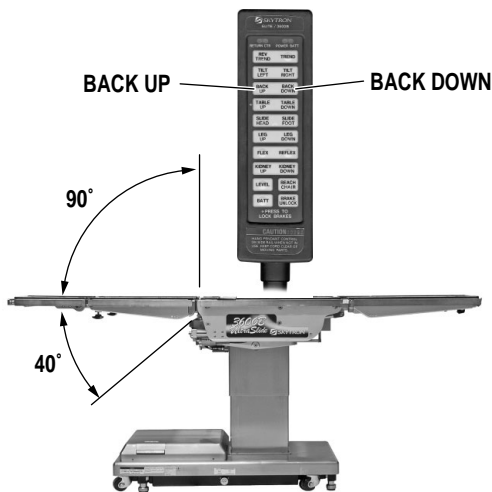
**d. Back Section.** To raise the back section, press the BACK UP button (figure 2-8). The back section will raise up to 90° above horizontal. To lower the back section, press the BACK DOWN button. The back section will go down to 40° below horizontal.

**NOTE**

If the table top is slid toward the foot end, the back section will not go below horizontal. An audible alarm will sound.

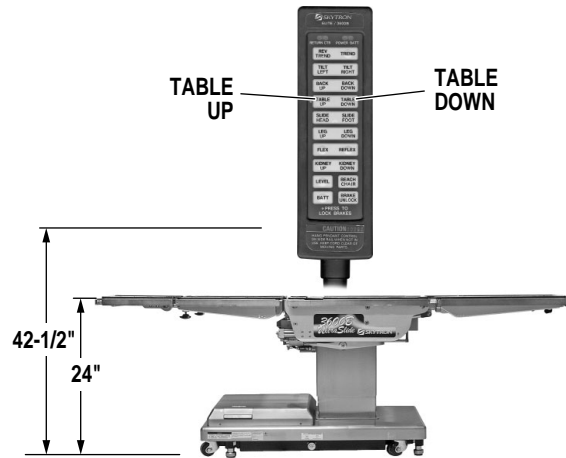
**NOTE**

To prevent damage to the kidney lift, a safety interlock prevents the back section from going more than 45° above horizontal if the kidney lift is not all the way down. An audible alarm will sound.



**Figure 2-8. Back Section Positioning**

**e. Elevation.** To raise table top, press the TABLE UP button (figure 2-9). The table will lift a patient weight of 1,000 pounds up to a maximum height of 42-1/2" (46-1/2" with X-Ray top and 2" pad). To lower the table top, press the TABLE DOWN button. The table top will go down to a minimum height of 24" (minus pad).



**Figure 2-9. Elevation Function**

**f. Top Slide.** To move the table top toward the head end, press the SLIDE HEAD button. From center position, the top will slide up to 9-1/2". See figure 2-10.

**NOTE**

If the leg section is positioned more than 45° below horizontal, the top will not slide toward the head end. An audible alarm will sound.

**NOTE**

If the leg section is below horizontal, slide toward head is limited to 7-1/2"

To move the table top toward the foot end, press the SLIDE FOOT button. From center position, the top will slide up to 13-1/2". Slide function will stop and RETURN CTR Indicator will illuminate when table is centered.

**NOTE**

If the back section is positioned below horizontal, the top will not slide toward the foot end. An audible alarm will sound.



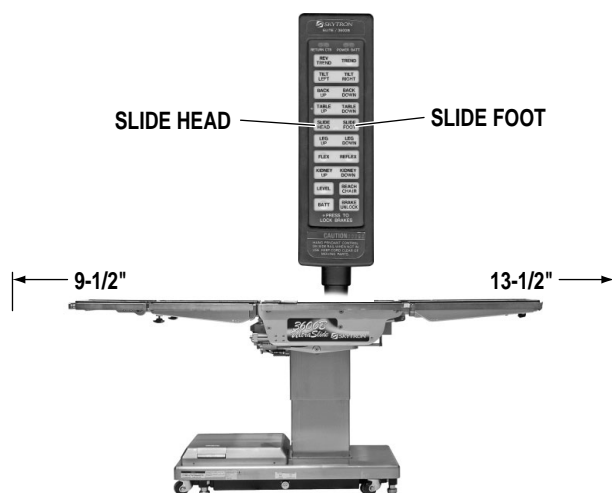


Figure 2-10. Top Slide

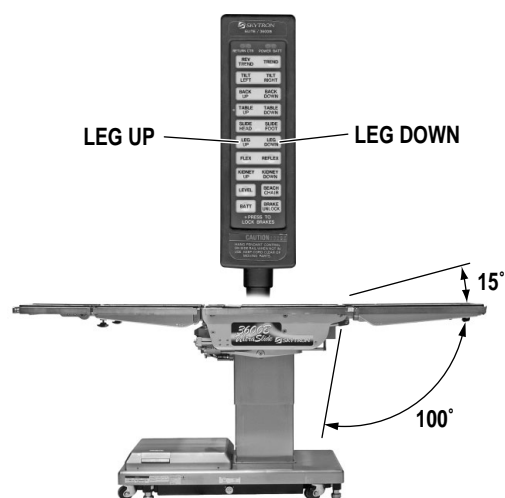


Figure 2-11. Leg Section Positioning

**g. Leg Section.** To lower the leg section, press the LEG DOWN button (figure 2-11). The leg section will go down to 100° below horizontal. To raise the leg section, press the LEG UP button. The leg section will go up to 15° above horizontal.

**CAUTION**

The Leg section may hit the table base or the floor if both the leg and elevation systems are placed in their full down position.

**NOTE**

If the top is slid toward the head end less than 7-1/2", the leg section will only go down 45°. An audible alarm will sound. If the top is slid toward the head end more than 7-1/2", the leg section will not go below horizontal.

**NOTE**

If the top is slid toward the foot end, the FLEX function will not operate. An audible alarm will sound.

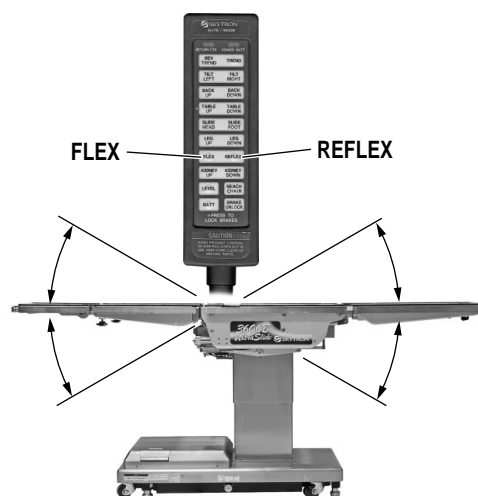


Figure 2-12. Flex/Reflex Positioning

**i. Kidney Lift.** To raise the built-in kidney lift, press the KIDNEY UP button (figure 2-13). Up to 5-3/4" of lift can be achieved. Press the KIDNEY DOWN button to lower the kidney lift.

### NOTE

To prevent damage to the kidney lift, a safety interlock prevents the kidney lift from going up if the back section is 45° above horizontal. An audible alarm will sound .

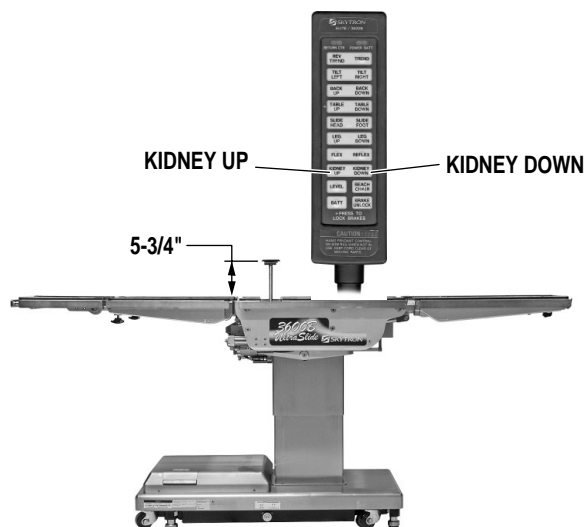


Figure 2-13. Kidney Lift Positioning

**j. Return To Level.** To return the table top to a level position, press the LEVEL button (figure 2-14).

### NOTE

Elevation and brake system functions are not affected by the return to level function.

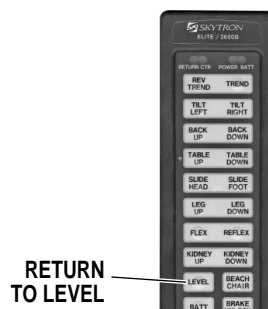


Figure 2-14. Return To Level

**k. Beach Chair.** To place the top in the beach chair position from a level position, press the BEACH CHAIR button (figure 2-15). The back section will raise, the leg section will lower and the Trendelenburg positioning will function simultaneously. The functions will stop when Trendelenburg reaches it limit.

### NOTE

The table top must be centered or slid toward the foot end for the Beach Chair function to operate.

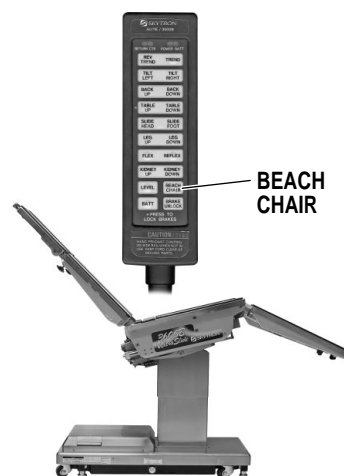
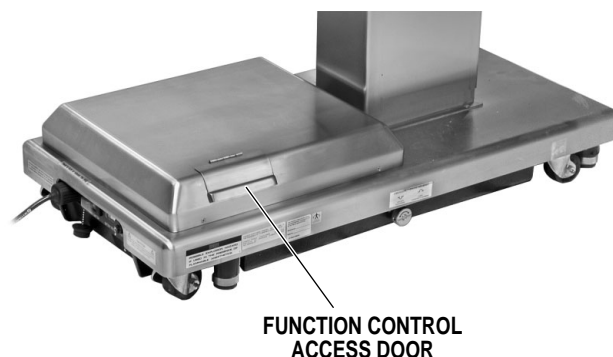


Figure 2-15. Beach Chair Positioning

## 2-7. Emergency Back-up Controls

a. The emergency back-up control switches are located under the access door on the service access cover in the table base. See figure 2-16.



**Figure 2-16. Emergency Controls Location**

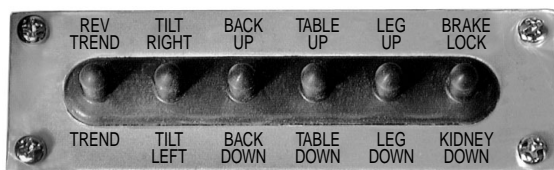
b. In the event of either a power failure or a problem with the hand-held pendant control, the table can be operated using the emergency back-up switches. Simply push the desired emergency switch in the appropriate direction to operate the table functions. See figure 2-17.



### CAUTION



The safety interlock system is not operational when the emergency back-up control switches are used.



**Figure 2-17. Emergency Back-Up Controls**



### CAUTION



The EMERGENCY BRAKE LOCK switch does not activate the brake system timer. The switch must be held until the brakes are completely locked, approximately 10 seconds.

### NOTE

The emergency back-up control switches will function when the table is operating on 120VAC power, battery power, or turned off.

c. Switches are provided for Trendelenburg, lateral tilt, back section, elevation, leg section, kidney down and brake lock. These switches are spring-loaded so they return to the neutral or center position when released.

## 2-8. Emergency Brake Release.

In case of a power failure or an electrical problem within the table, the emergency brake release system can be used to move the table. The control knob for this function is located on the side of the table base and is identified by an EMERGENCY BRAKE RELEASE label. Turn the knob counter-clockwise to release the brakes. See figure 2-18.



**Figure 2-18. Emergency Brake Release**

### NOTE

The Emergency Brake Release Valve must be closed and tightened (clockwise) before activating any function.

- If the Emergency Brake Release Valve has been operated, the UNLOCK button on the pendant control will have to be pressed before brakes will lock again.

## 2-9. Head Section

a. A quick release positioning bar located under and to the front of the head section (figure 2-19) is used to raise or lower the head section. Pull the release bar toward the head end to allow the section to pivot up or down. Positioning from 60° above horizontal to 90° below horizontal in 15° increments is available. Release the bar to lock the head section in position.

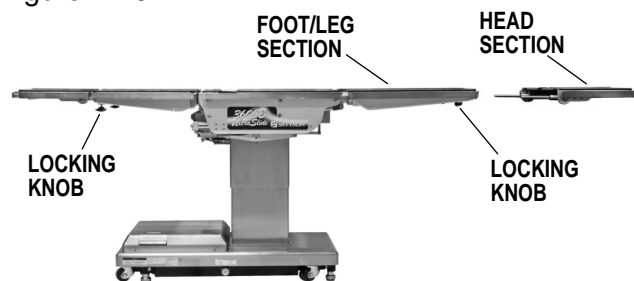


**Figure 2-19. Head Section Adjustment**

b. By loosening two locking knobs beneath the back section, an additional 2" of longitudinal adjustment can be achieved. If desired, the head section may be removed by loosening the locking knobs and pulling it straight out of the back section.

3600B UltraSlide Table has the capability of attaching the head section to the leg section for use as a foot extension ONLY. Do Not reverse the patient on the table without first consulting with SKYTRON.

Two locking knobs are located on the inside of the leg section for securing the head section. See figure 2-20.



**Figure 2-20. Repositioning Head Section  
(for use as a Foot Extension)**

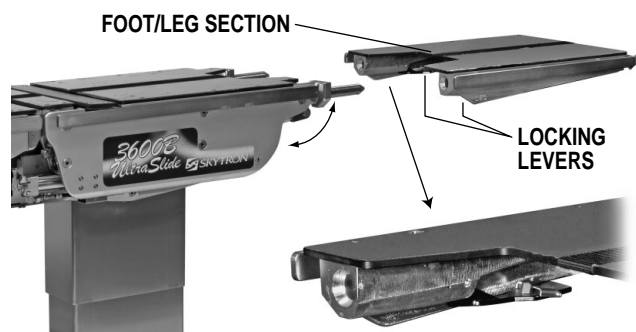
## 2-10. Leg and Back Section Removal.

a. The Leg Section and the Back Section on the 3600B UltraSlide table are both removable. See figure 2-21 (Leg Section shown).

b. To remove either section, level the table top, simultaneously depress both release levers and pull the section out. Press the LEG DOWN or BACK DOWN button on the pendant control to position the attachment pins down and out of the way.

### NOTE

To make the Back Section easier to handle, remove the Head Section, pad and X-ray top prior to removing the Back Section. Remove the pad and X-ray top prior to removing the Leg Section.



**Figure 2-21. Leg Section Removal**

c. To install the Leg Section, press and hold the LEG UP button until the attachment pins completely stop. Install the section on the pins. Level the table top and pull out on the section to make sure the release levers are completely locked.

d. To install the Back Section if the attachment pins are not aligned, make sure the table top is centered or toward the head end, press and hold the BACK DOWN button until the attachment pins completely stop (40° down). Press REV TREND to bring the pins up to a level position and install the section on the pins. Level the table top and pull out on the section to make sure the release levers are completely locked.



### WARNING



Ensure that the Leg and Back sections are properly engaged and secured to pins before use to prevent injury.

### NOTE

The Leg and Back sections are labeled for proper orientation. The Leg section cannot be installed on the Back section pins.



### WARNING



Consult manufacturer's instructions when using high frequency surgical equipment, cardiac defibrillator and cardiac defibrillator monitors.



### WARNING



When an antistatic pathway is required, the table has to be used on an antistatic floor.



### WARNING



The antistatic properties of the table are dependent on the use of the original pad set which was furnished with the table or an alternate approved replacement.

## 2-11. Positioning

The use of certain optional accessories available from SKYTRON further extend the positioning capabilities of the 3600B UltraSlide Table. Refer to the following "Positioning Guidelines" or contact your SKYTRON representative for further details.



### WARNING



Certain accessories may limit weight capacities. Check with your SKYTRON representative.



**Abdominal**



**Laparoscopic Gastric Bypass**



**Cysto/GYN**



**ENT**

**UltraSlide 3600B Positioning Guidelines**



**Upper Body Imaging**



**Lower Body Imaging**



**Lap Nissen**



**Urology**



**Ophthalmic/ENT**



**Nephrectomy**



**Neuro (neck)**



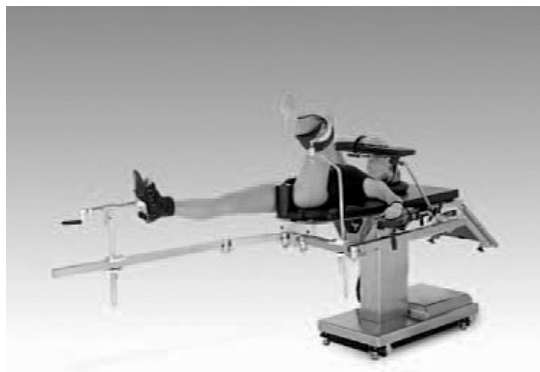
**Neuro (lumbar)**



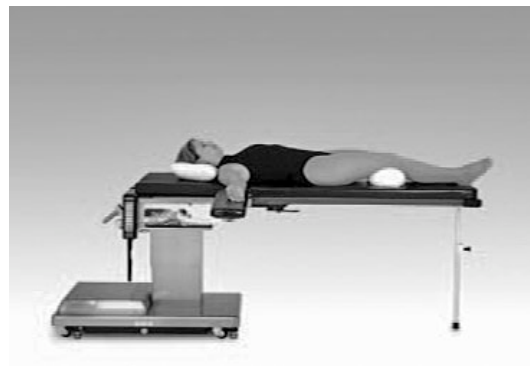
**Shoulder Arthroscopy**



**Lumbar**



**Orthopedic (with Traction Accessories)**



**Endovascular (with optional 48" Carbon Fiber Leg Extension)**

## SECTION III MAINTENANCE

## 3-1. Preventive Maintenance

The following preventive maintenance checks and services are recommended to ensure the serviceability and proper operation of your SKYTRON Surgical Table, and should only be performed by qualified SKYTRON trained personnel.

a. During normal cleaning, a general visual examination should be made checking for leaks, loose bolts or parts, and cracked, chipped, or missing paint. Any necessary repairs should be made.

b. Semi-annually the following checks and services should be performed:

1. Check all hydraulic fittings, mini-valves and slave cylinders for proper operation and any signs of leaks.
2. Check the hydraulic speed controls and adjust if necessary.
3. Pressure check (with a gauge) the pressure relief valve.
4. Check all mechanical adjustments and adjust as necessary.
5. Check hydraulic fluid level.
6. Lubricate the slider assembly.
7. Check function of back and foot leg release levers, lubricate as necessary.

## 3-2. Cleaning Recommendations

## NOTE

Always follow current AORN Journal Guidelines to ensure proper cleaning and disinfection procedure.

The following procedures should be followed when cleaning the surgical table between cases.

Place table top in level position prior to starting cleaning procedure.



## WARNING



Always follow OSHA blood-borne pathogens standards for protective clothing, including gloves, masks and eye protection when cleaning the surgical table.

Remove major contaminants from the table with disposable materials following appropriate biohazard waste disposal procedures.

Remove all table pads and place them on a flat surface for cleaning.



## CAUTION



Thoroughly read and follow the manufacturer's directions for all cleaning fluids. DO NOT use cleaners containing phenolics.

Apply cleaning fluid liberally to top and sides of each pad and wipe with a clean lint-free cloth.

Using a clean, damp, lint-free cloth, wipe the pads to remove the cleaning fluid.



Using a clean, dry, lint-free cloth, wipe the pads to remove all moisture.

Repeat the steps to clean the bottom of the each pad.



### CAUTION



When using spray cleaners DO NOT spray fluids directly into electrical receptacles or micro switches.

Repeat cleaning procedure for all table surfaces including the top, sides, elevation column, base and all accessories.



### CAUTION



Before replacing pads on the table, make sure the pads and all mating surfaces are completely dry. Moisture trapped between the pads and mating surfaces may cause distortion of table tops.

When the cleaning procedure is complete, replace all pads and accessories as applicable.

Remove pendant control from table side rail and apply cleaning solution to the pendant control and cord.

Use a clean cloth dampened with water to remove cleaning solution.

Use another clean damp cloth to remove any remaining residue.

Install pendant control on side rail for storage when cleaning procedure is complete.

## 3-3. Service

Table maintenance can be performed by trained maintenance personnel using SKYTRON authorized replacement parts and service techniques. Service instructions and parts are available from SKYTRON.

Preventive Maintenance contracts are available through your local SKYTRON representative.

To obtain service instructions, replacement parts, factory service or preventive maintenance contracts, contact the SKYTRON representative listed below.

Or contact:

**SKYTRON**

**5000 36th Street S.E.**

**Grand Rapids, MI 49512**

**1-800-SKYTRON (1-800-759-8766)**

**Fax. 1-616-957-5053**

## SKYTRON SURGICAL LIGHTS AND TABLES LIMITED WARRANTY

**Limited Warranty.** SKYTRON, a Division of the KMW Group, Inc., warrants only to the original purchaser (the "Customer") that the products that it sells, either directly or through its distributors or other authorized representatives, shall not be "defective" for the applicable time provided for, and subject to the conditions and exceptions stated in, this warranty. A product shall be considered "defective" if SKYTRON determines that it is defective in materials or workmanship and that the defect materially impairs the value of the product under normal use, maintenance and service. This warranty does not apply to (i) any product that is modified or altered, (ii) minor product adjustments necessitated by ordinary wear and tear or (iii) damage to the products caused by accident, use of replacement parts other than original OEM parts, unauthorized repairs, improper installation or use, abuse, lack of user training, or failure to comply with SKYTRON's instructions. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE.

**Warranty Period.** The warranty on replacement parts, spares, bulbs (for surgical lights), pads and accessory items (for surgical tables) shall extend for 90 days from the date of receipt by the Customer. The warranty on all SKYTRON Surgical Lights and Tables shall extend for two years from (i) the initial installation of the product by Customer or (ii) the first anniversary of the date of shipment to the Customer, whichever is earlier. If SKYTRON supplies a replacement part or product under this warranty, then the warranty on such replacement part or product shall terminate upon (i) 90 days or (ii) the end of the remaining period of the original warranty, whichever is of greater benefit to the Customer.

**Remedies.** If a product proves defective during the applicable warranty period, and if the Customer gives SKYTRON and the distributor from whom the Customer purchased the product written notice of the defect within such period and complies with all other terms of this warranty, then SKYTRON or its authorized service agent shall repair or replace the defective product or part thereof, at SKYTRON's option. If necessary, this warranty includes the cost of service labor and travel time to the site of product use for two years; provided, however, that delays caused by the Customer in accessing the product for repair will be chargeable to the Customer at SKYTRON's authorized service representative's normal hourly rate. If SKYTRON (or its authorized representative) fails to repair or replace any defective product or part thereof within a reasonable time, then SKYTRON shall be liable for the reasonable cost of repair by a third party, but the Customer shall not obtain repair by a third party without giving SKYTRON at least 15 days prior written notice, during which time SKYTRON (or its authorized representative) may repair or replace the defective product or part thereof. This is the sole and exclusive remedy for any defect.

**Limitations.** SKYTRON SHALL NOT BE LIABLE TO THE CUSTOMER OR TO ANYONE ELSE FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY, INDIRECT, OR PUNITIVE DAMAGES ARISING FROM ANY DEFECT, DELAY, NONDELIVERY, RECALL, OR OTHER BREACH BY SKYTRON, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, DEATH, PROPERTY DAMAGE, LOST PROFITS, OR OTHER ECONOMIC INJURY. SKYTRON shall not be liable to the Customer or anyone else in tort for any negligent design or manufacture of any products, or for the omission of any warning with respect thereto.

**Miscellaneous.** No dealer, employee, or other representative of SKYTRON may extend or enlarge this warranty, waive any of the limitations, or make any different or additional warranties with respect to the products. Any statements to the contrary are null and void unless made in writing signed by an authorized officer of SKYTRON. This warranty shall be governed by Michigan law. Any action arising out of or relating to this warranty shall be brought in any federal or state court located in Kent County, Michigan and having jurisdiction of the subject matter, and any such court shall have personal jurisdiction over the parties and the parties waive any objection that the court is an inconvenient forum.



